

Work Order ID 53015



Page 1

October 21, 2009 10:39:47 AM

Item ID: D119-696-013

Accept



Setup Start



Revision ID: A

Stop



Item Name: Dual Cargo Mirror Installation

Start Date: 21/10/2009 Start Qty: 4.00



Cust Item ID:

Required Date: 29/10/2009 Req'd Qty: 4.00



Customer:

Reference:

Run Start



Approvals:

Process Plan: *PP*Date: *09/10/21*

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

N/A

Rev U/R

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP D119-696-013

~~CH0003~~

CH4004

PER NCR 09-102

*Solulor**HJ for BG 09/10/28*

110

0.00



Packaging

Packaging

Memo

0.00

Packaging

9/10/28 SP (40)

120

0.00



QC4- 100% Inspect kits for completeness

QC

Memo

0.00

Quality Control

⇒ Solulor

Work Order ID 53015

October 21, 2009 10:39:47 AM



Page 2

Item ID: D119-696-013

Accept



Setup Start



Revision ID: A

Stop



Item Name: Dual Cargo Mirror Installation

Start Date: 21/10/2009 Start Qty: 4.00



Cust Item ID:

Required Date: 29/10/2009 Req'd Qty: 4.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

130

0.00



Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D119-696-013 □ Location: 42 □ PPP Rev: C

9/11/2 (4x) 80

140

0.00



QC21 - Final Inspection - Work Order Release

QC

Memo

0.00

Quality Control

09/11/03

mf
09-11-02

Picklist Print

Page 1

October 21, 2009 10:39:51 AM

Work Order ID: 53015

Parent Item: D119-696-013RevA

Parent Item Name: Dual Cargo Mirror Installation

Start Date: 21/10/2009

Required Date: 29/10/2009

Comments:

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

ALS4-1032-130 *x2* Purchased No

Each 5,373.000 8.0000



Insert

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

5373

110511

5373

Each

132.0000 16.0000

AN526-1032R9 *x4* Purchased No



Screw

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

132

101189

6

110584

5

111758

121

110511

111758

9/10/28 (40) S6

Picklist Print

Page 2

October 21, 2009 10:39:51 AM

Work Order ID: 53015

Parent Item: D119-696-013RevA

Parent Item Name: Dual Cargo Mirror Installation

Start Date: 21/10/2009

Required Date: 29/10/2009

Comments:

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960JD10 Washer		Purchased	No				Each	1,906.000	16.0000			

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	1906	
105442	95	
109059	2	
109840	23	
110985	202	
111279	5	
111668	64	
112314	1000	
112369	515	

D119-696-043RevA2 Dual Cargo Mirror Assy		Manufactured	No				Each	0.0000	4.0000			
D2053RevC Mounting Bracket		Manufactured	No				Each	31.0000	4.0000			

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	31	
38531	9	
47595	22	

112369 SD
9/11/08 SD 53016 SD
38351 9/10/28 QW SD

October 21, 2009 10:39:52 AM

Shop Packet Print

Page 2

Picklist Print

October 21, 2009 10:39:52 AM

Work Order ID: 53015

Parent Item: D119-696-013RevA

Parent Item Name: Dual Cargo Mirror Installation


Start Date: 21/10/2009

Required Date: 29/10/2009


Comments:

Start Qty: 4.00


Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2067RevA1  Connector		Manufactured	No				Each	5.0000	4.0000		9/10/28 SP	

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	5	
39558	5	

D2071RevD  Cable Assembly		Manufactured	No				Each	12.0000	4.0000		39558 SP 9/10/28 SP	
--	--	--------------	----	--	--	--	------	---------	--------	--	------------------------	--

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	12	
42510	2	
47601	10	

D30831RevA1  Placard		Manufactured	No				Each	18.0000	4.0000		9/10/28 SP	
---	--	--------------	----	--	--	--	------	---------	--------	--	------------	--

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	18	
47605	8	
47686	10	

Picklist Print

Page 4

October 21, 2009 10:39:52 AM

Work Order ID: 53015

Parent Item: D119-696-013RevA

Parent Item Name: Dual Cargo Mirror Installation

Start Date: 21/10/2009

Required Date: 29/10/2009

Comments:

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

MS21919-DG5

Purchased

No

Each

65.0000

8.0000

Clamp

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

65

108205

5

110916

60

Each

781.0000

16.0000

MS27039-1-09

Purchased

No

Screw

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

781

107378

39

111650

500

18057

209

8912

33

108205
110916

5. SP

107378

9/10/28 40 SP

October 21, 2009 10:39:52 AM

Shop Packet Print

Page 4

Picklist Print

Page 5

October 21, 2009 10:39:52 AM

Work Order ID: 53015



Parent Item: D119-696-013RevA



Parent Item Name: Dual Cargo Mirror Installation

Start Date: 21/10/2009

Required Date: 29/10/2009

Comments:

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS35489-9		Purchased	No				Each	116.0000	4.0000			

Grommet

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

116

107376

36

109371

80

107376

9/10/2009 40 SP

25.2 CARGO MIRROR REMOVAL

1. Loosen MS21042-3 nut and remove D2071 control cable from D2067 connector.
2. Remove (4) MS27039-1-09 screws and remove D3072-1/-2 brackets. Re-install MS27039-1-08 screws.
3. Remove (2) AN526-1032R9 screws and (2) MS21919DG5 clamps.
4. Remove (2) AN526-1032R9 screws, the D2053 bracket and the D2071 cable assembly. Re-install AN526-1032R9 screws to plug inserts.
5. Seal MS35489-9 grommet hole with PRC / RTV / Proseal 890 / Sikaflex-241 / Sikaflex-291 / MIL-C-8802 Class B2 sealant.

25.3 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D119-696-011	2.2 lb	7.0 in	15.4 in-lb	22.0 in	48.4 in-lb
Cargo Mirror Installation	1.00 kg	0.28 m	0.28 m-kG	0.87 m	0.87 m-kG
D119-696-013	3.0 lb	1.0 in	3.0 in-lb	22.0 in	66.0 in-lb
Cargo Mirror Installation	1.36 kg	0.04 m	0.05 m-kG	0.87 m	1.18 m-kG

25.4 PARTS LIST

Qty -011	Qty -013	Qty -041	Qty -043	Part Number	Description
X				D119-696-011	SINGLE CARGO MIRROR INSTALLATION
	X			D119-696-013	DUAL CARGO MIRROR INSTALLATION
1		X		D119-696-041	SINGLE CARGO MIRROR ASSEMBLY
	1		X	D119-696-043	DUAL CARGO MIRROR ASSEMBLY
		1	2	D2011-101	MIRROR ASSEMBLY
1	1			D2053	BRACKET
		2	2	D2054	BUSHING
		2	2	D2055	CLAMP
		1	1	D2056	BELL CRANK
		1		D2057	PLUG
1	1			D2067	CONNECTOR
1	1			D2071	CABLE ASSEMBLY
		1	2	*D3014-1	LOCKNUT
		1	1	D3072-1	BRACKET
		1	1	D3072-2	BRACKET
		1		D3074-1	ARM
			1	D3074-3	ARM
1	1			D3083-1	PLACARD
4	4			AN526-1032R9	SCREW
4	4	6	6	AN960JD10	WASHER
		1	2	*AN960JD416L	WASHER
		3	3	MS21042L3	NUT (or MS21042-3)
2	2			MS21919DG5	CLAMP
4	4			MS27039-1-09	SCREW
		3	3	MS27039-1-18	SCREW
1	1			MS35489-9	GROMMET
2	2			AKS7-1032-130	INSERT (or ALS7-1032-130 or AKS4-1032-130 or ALS7-1032-130 or AELS-032-130)

*INCLUDED AS PART OF D2011-101 MIRROR ASSEMBLY

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

25-00-00